

SCANNED, # 8

Flock 1 A

1A

2A

3A

Fraction Number

SDS-PAGE of Purified Mono-SCM-PEG-GCSF Derivatives.
4-20% Gel run under non-reducing conditions and Coomassie Stained.

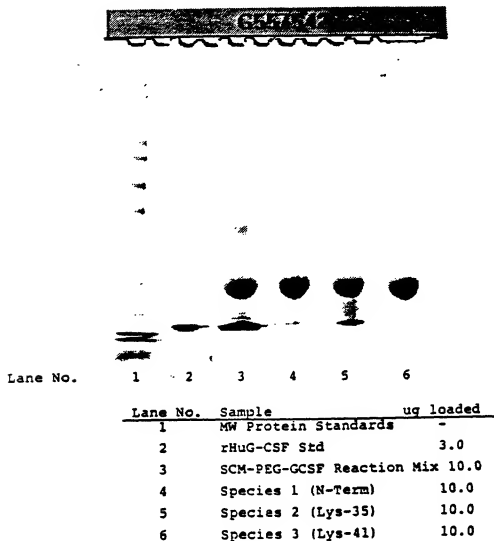


FIGURE 1B

09817725-032601

- SEC-HPLC Profiles of
- (A) rHuG-CSF standard
 - (B) SCM-PEG-GCSF Reaction Mixture
 - (C) Species 1 (N-Term Derivative)
 - (D) Species 2 (Lys-35 Derivative)
 - (E) Species 3 (Lys-41 Derivative)

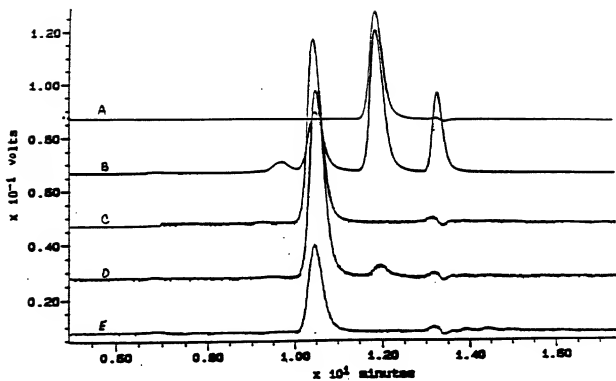


FIGURE 2

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LC A 215,4 550,100
LC A 215,4 550,100

OF T1293010.D
OF T1293010.D

GCSF Lot 003
Reference Std.
SV0 Mapping

GCSF Mono-PEG 1

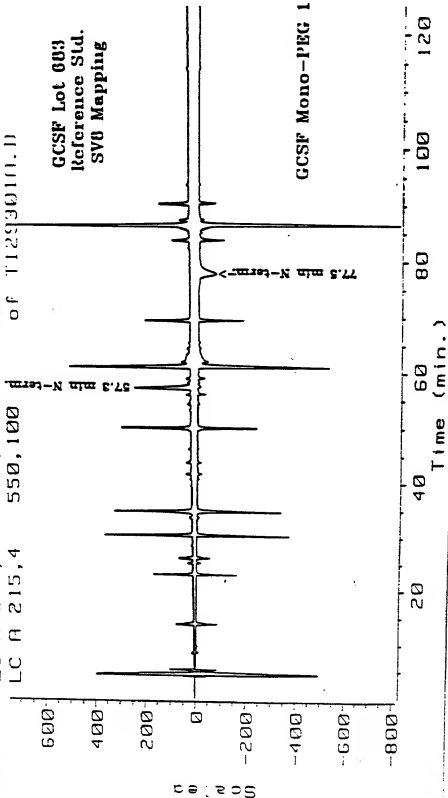
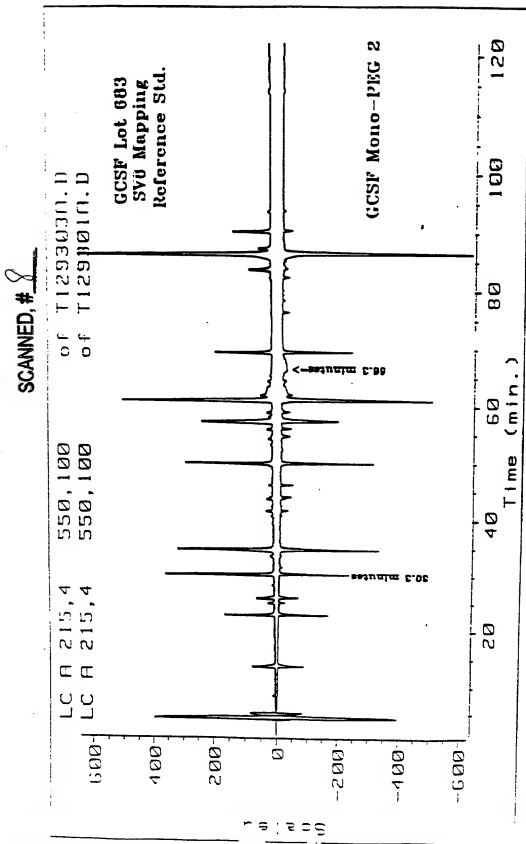


FIGURE 3A

FIGURE 38



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LC A 215.4 550,100 of 11293010.D
LC A 215.4 550,100 of 11293010.D

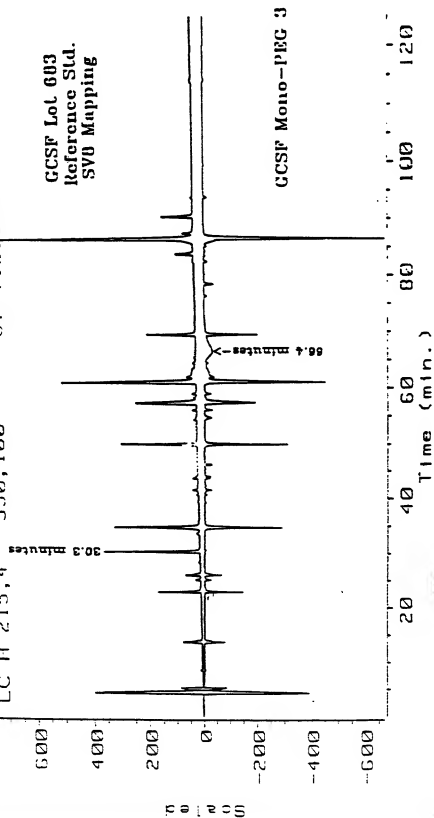


FIGURE 3C

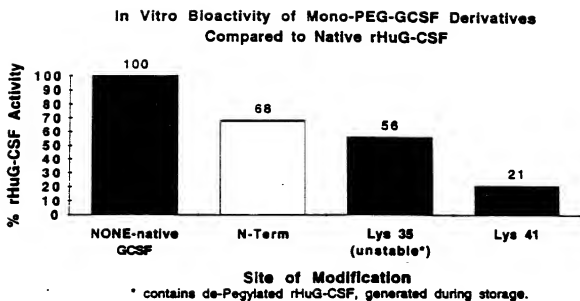
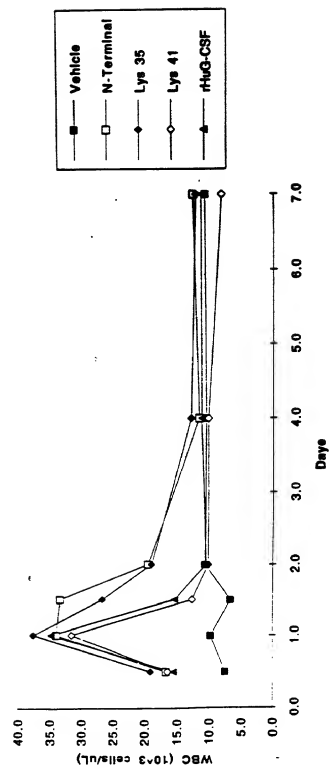


FIGURE 4

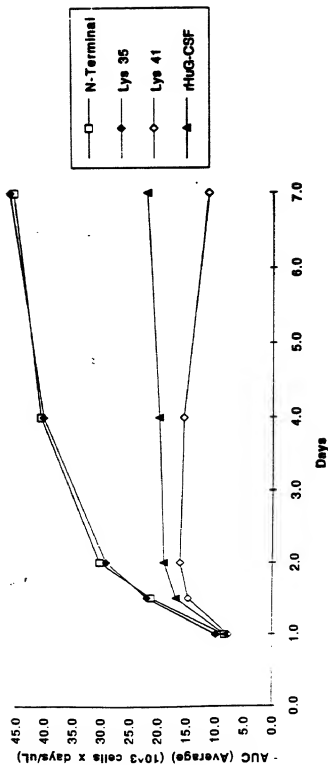
Average Hamster White Blood Cell Count (WBC) following a single s.c. Injection of 0.1 mg/Kg.

FIGURE 5A

Average Hamster WBC After Single s.c. Injection

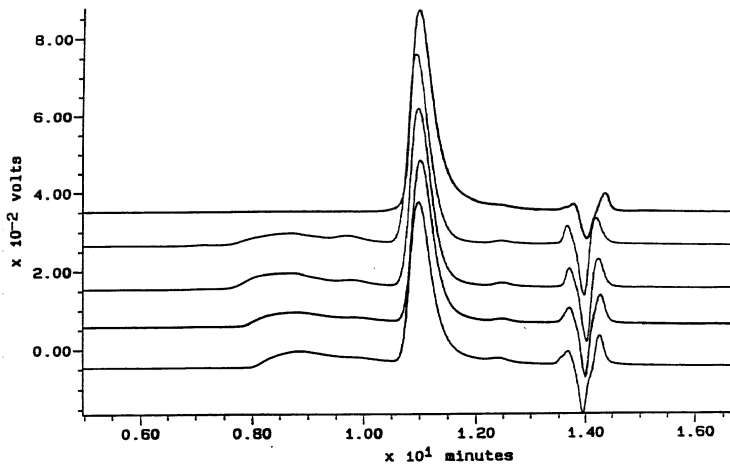


NET Average WBC AUC After Single S.C. Injection



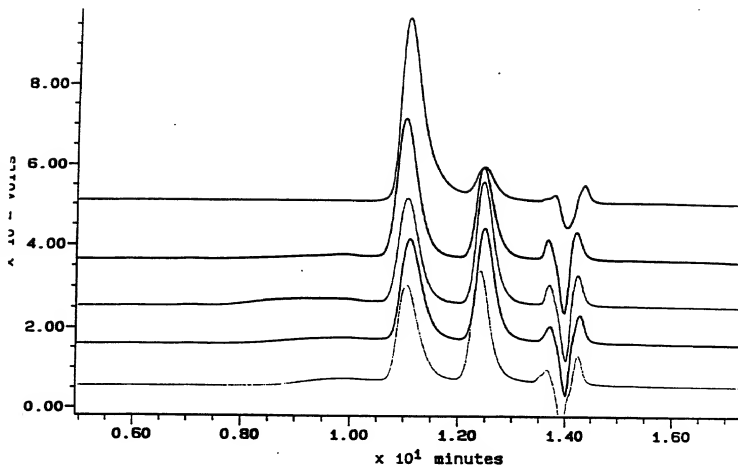
— NTERM pH6 T=0
— NTERM pH6 T=4
— NTERM pH6 T=6
— NTERM pH6 T=12

— NTERM pH6 T=16



— LYS35 pH6 T=0
— LYS35 pH6 T=4
— LYS35 pH6 T=6
— LYS35 pH6 T=12

— LYS35 pH6 T=16



— LYS35 pH7 T=350
— LYS35 pH7 T=160

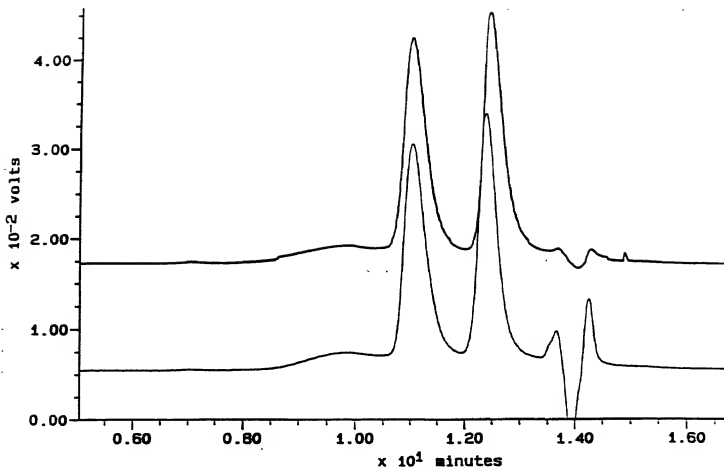
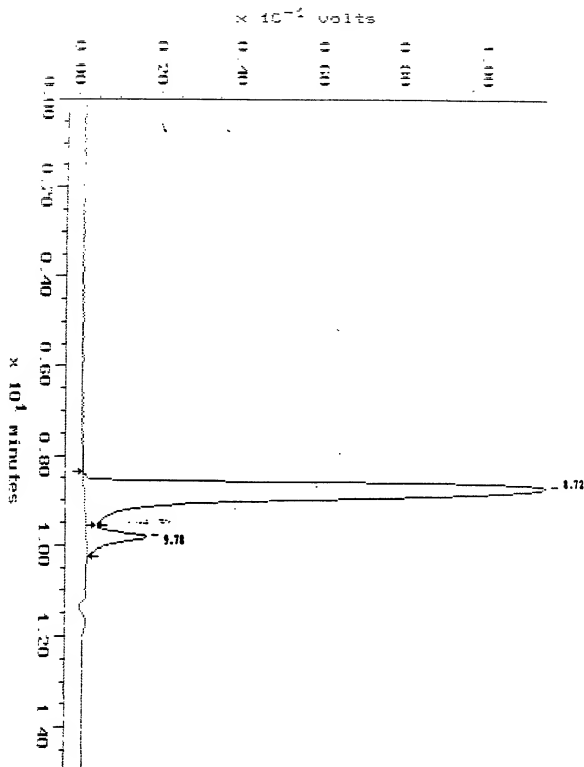


FIGURE 2

Sample: 242.1 Channel: UV260
 Acquired: 03-AUG-93 11:22 Method: C:\MAX\DATA1\2508931J\2508931J
 Inj Vol: 10.00

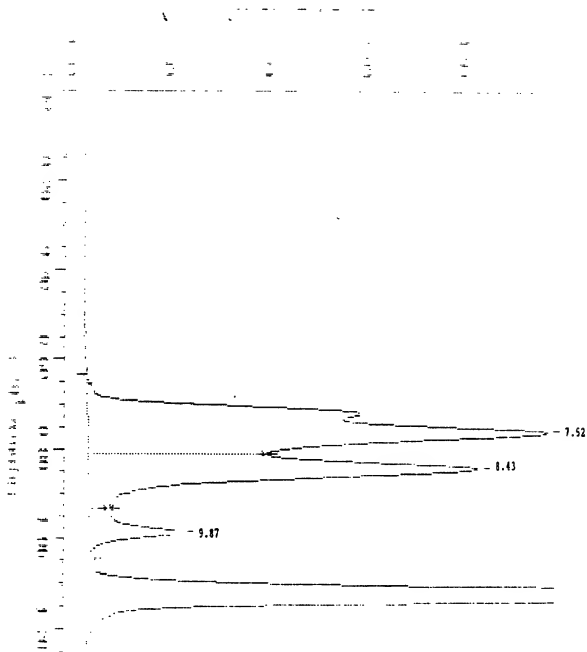
Filename: 2508028
 Operator:



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FIGURE 8

Sample: 344 Channel: 17200
 Acquired: 25-SEP-93 23:45 Method: COLMAX/DATA/13-005/NOPT000
 Inj Vol: 10.00
 Filename: 0000000
 Operator:



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FIGURE 1

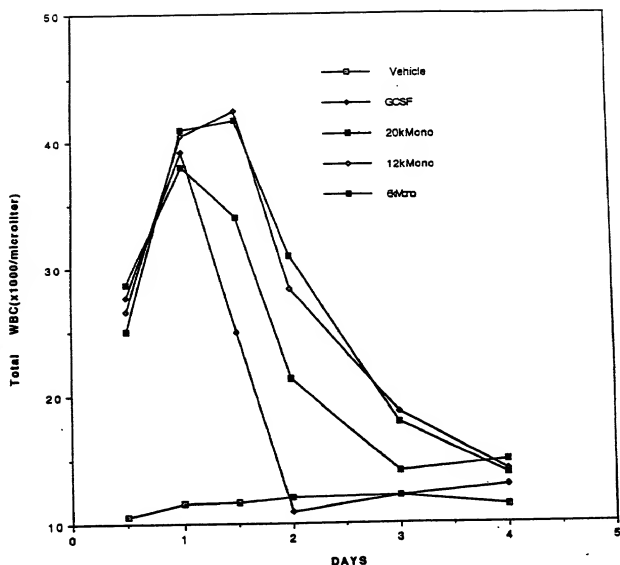


FIGURE 2. Total white blood cell response to mono-N-terminal MPEG-G-CSF conjugates prepared by reductive alkylation of rh-G-CSF with MPEG aldehydes of different molecular weights (6 kDa, 12kDa and 20 kDa).